

**IN THE CLAIMS:**

Please **AMEND** claim 1, and **ADD** new claims 3-5 in accordance with the following:

1. (CURRENTLY AMENDED) A recording medium, comprising:

a data area to store user data;

a primary spare area allocated upon initialization of the recording medium and which stores replacement data replacing defective areas of the data area for defect management of the user data; and

a supplementary spare area, ~~allocated~~able and/or ~~expanded~~able after the initialization, ~~to which stores additional replacement data replacing additional defective areas of the data area that are act-as-a-in addition to the replacement data stored in the supplemental spare area for the primary spare area for defect management of the user data;~~

wherein the supplementary spare area is allocated in a forward direction starting from a rear portion of a ~~the~~ data area.

2. (ORIGINAL) The recording medium of claim 1, wherein the allocation of the supplementary spare area includes a rearranging of a plurality of non-continuous areas of the recording medium to generate a new continuous empty area at the end of the data area if a sufficiently continuous empty area at the end of the user data area does not exist.

3. (NEW) The recording medium of claim 1, wherein the data area is between the primary spare area and the supplementary spare area.

4. (NEW) The recording medium of claim 1, further comprising spare area state information used by a recording and/or reproducing apparatus to determine that the primary spare area is no longer usable for storing the additional replacement data, and that the supplementary spare area has been allocated to store the additional replacement data.

5. (NEW) The recording medium of claim 4, wherein the spare area state information indicates to the recording and/or reproducing apparatus an extent to which the supplementary spare area has sufficient space allocated to store further replacement data for performing defect management in additional recording and/or reproducing operations.